

Energy Management Services

For those customers who desire energy management services where no end products are required you can turn to Schedule 871 II – Energy Management Service. The schedule offers you the following services:

- Energy Management Program Support (SIN 871-200)
- Energy Audit Services (SIN 871-201)
- Managing the Procurement and Use of Natural Gas (SIN 871-203)
- Managing the Procurement and Use of Energy (SIN 871-204)
- Managing the Procurement and Use of Energy from Renewable Sources (SIN 871-205)

For additional information regarding this schedule, you may visit Schedules E-Library at www.fss.gsa.gov or contact Pat Finch at (253) 931-7073 or Helen Jay at (253) 931-7063



Energy Solutions



Customer Relations

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teaming arrangements (BPAs) blanket purchase agreements best pricing & simplified ordering

The benefits to you from the Multiple Award Schedule program are numerous and are outlined below:



BEST PRICING & SIMPLIFIED ORDERING
GSA has already determined the prices to be fair and reasonable. You can use your own discretion in selecting the supplies and services you need. Simplified ordering procedures such as ordering directly from the manufacturer allow you to reduce paperwork and cut through red tape.

BLANKET PURCHASE AGREEMENTS (BPAs)
The use of BPAs under Multiple Award Schedules are permitted. Let's look at the benefits of this arrangement:

- BPAs are a way to fill recurring needs while taking advantage of quantity discounts, saving administrative time and reducing paperwork.
- For large BPAs, you are empowered and encouraged to seek further price reductions.
- With a BPA, you can order as much as you want, as little as you want and as often as you want.

Your flexibility and advantages are endless!

- Teaming Arrangements may be incorporated into your BPA!

TEAMING ARRANGEMENTS
Contractor Team Arrangements are another excellent source of quality service. Team Arrangements are created when two or more Multiple Award Schedule contractors join together to provide a solution to meet your needs. Contractors form these arrangements, at their discretion, when the result of their efforts produces the best solution for an agency's requirement. You would then make a best value selection.

- Additional benefits to you from using Multiple Award Schedules include:
- *Competition:* All competition requirements have been met
 - *Hassle-Free Volume Purchase Prices:* We've negotiated the discounts for you
 - *Expedited Delivery:* Many items can be delivered overnight or within two days (CONUS)
 - *Easy Payment Options:* Contractors accept the GSA SmartPay purchase card
 - *No Commerce Business Daily (CBD) Synopsis Requirements:* GSA has already issued the synopsis
 - *Price Reductions:* You can request price reductions from our discounted prices
 - *No Order Limitations:* You can place an order for any dollar amount
 - Access to state-of-the-art technology and quality services and products
 - Compliance with environmental requirements for applicable services and products

SERVICES

Refer to the Ordering Procedures for Services section covering executive, administrative and/or Professional Services.

PRODUCTS

Orders under \$2500

Place order directly with contractor for the item that Best meets your needs.

Orders over \$2500

To ensure a “Best Value” determination is made, as Required by FAR 8.404: Review GSA’s electronic ordering system, *GSA Advantage!™* at www.fss.gsa.gov or review three schedule price lists.

Orders over the Maximum Order Threshold:

Each schedule contract has a maximum order threshold. In addition to following the ordering procedures for orders above \$2500, customers shall

- Review price information on *GSA Advantage!™* or review additional schedule contractors’ price Lists.
- Request price reductions from schedule contractor(s) appearing to provide a best value
- Place the order with the schedule contractor providing the best value.

You can now access Federal Supply Schedule contract Award information on line at www.fss.gsa.gov

Click on the “FSS Schedules” button, then click on the “Schedules E-Library” button.

When determining what is a “best value,” you may consider the following:

- Special features of the product/services that are being offered but not provided by a comparable product/service
- Trade-in considerations
- Probable life of the item selected compared to that of a comparable item
- Warranty considerations
- Maintenance availability
- Past performance
- Environmental and energy efficiency considerations

DOCUMENTATION

Minimum documentation is generally all that is required (e.g., contractor’s name, item purchased and price paid). Additional documentation is necessary when the requirement is defined to a particular brand name and only for orders exceeding the micro-purchase threshold (see FAR 8.404(b)(7)).

GSA ADVANTAGE!™ www.fss.gsa.gov

This on-line electronic ordering system allows customers to search for products, review delivery options and place orders.

HOW TO ACCESS GSA ADVANTAGE!™

- You must be able to connect to the Internet
- You must have access to web browser(i.e., Netscape, Internet Explorer).
- Use your web browser to connect to GSA Home Page at www.fss.gsa.gov

Select *GSA Advantage!™* - On-Line Shopping Service.

If you need more information or assistance contact the *GSA Advantage* e-mail address or our voice mail hotline.

GSA.Advantage@gsa.gov • (703) 305-7359



Power when you need it, where you need it!

When your agency requires portable, stand-by or prime generated power GSA has the equipment you need on schedule!

GSA Schedule 539 – Solutions and More...Available SIN items include:

- 383-1** Portable Generator(s) with a rated capacity of 6kw or less
- 383-2** Portable Generators, Standby or Prime with a rated capacity of 6kw or more
- 383-3** Load Banks And Load Bank Accessories –
- 383-4** Generator Transfer Switch(s), including options and Accessories
- 412-12** Line Conditioners
- 412-13** Inverters
- 412-14** Uninterruptible Power Supplies
- 412-16** Frequency Converters
- 412-18** Panel boards, Switchboards, Load Centers, Metering
- 412-19** Transformers
- 412-50** Ancillary Services related to and ordered in conjunction with products purchased under supply schedule contract, including services necessary to install the system (design through startup), maintain the system (including maintenance agreements), or training.
- 412-51** Installation Requiring Construction, related to and ordered in conjunction with products purchased under supply schedule contract, including installation which requires construction as defined in FAR 36.102
- 412-52** Power Systems Engineering Support, including program management, engineering, technical, data management, and administrative support. Services offered under this SIN shall be for support of power systems & related projects only. Excludes personal services.

Renewable Energy, Free power From the Sun!

GSA offers Photovoltaic power generators for all types of applications and needs!

GSA Schedule 539 – Solutions and More...Products available under SIN 206-3:

Building applications include modules, inverters, mounting and control systems.

Traffic signals and traffic control devices

These low-maintenance, cost-effective PV systems are ideal for supplying power to communications stations on mountaintops, navigational buoys
PV systems are highly cost-effective, low maintenance, silent and emit no radio frequency interference that can block or garble critical communications.

Emergency communications without grid supplied power.



Energy Efficient products!

GSA Schedule 539 – Solutions and More...Available products:

- 206-4 Fluorescent Lighting Fixtures and Accessories
- 206-5 Fluorescent Lighting Reflectors
- 206-8 Lighting Sensor Systems
- 206-9 Energy Saving Lighting Ballasts
- 206-10 Low Pressure Sodium Lighting Fixtures
- 206-11 High Pressure Sodium and Metal Halide Lighting Fixtures
- 206-12 Airport Lighting
- 206-13 Energy Efficient and/or environmentally Friendly Lamps
- 206-14 Reading Lights
- 206-15 Indoor Emergency Lighting



Facilities Management Systems

GSA leverages funding, technology and human resources to provide effective Facilities Management Systems for our Federal customers, Energy and Security areas.

GSA is the benchmark for the Facilities Management profession!
Use our Expertise for long-term Smart Energy solutions!

GSA Schedule 539 – Solutions and More...Available under SIN:

SIN 246-42 (3) Facility Management Systems, Energy and Security

This schedule includes systems, chillers, HVAC, installation, maintenance and training.

Facility Management Systems can be bundled with GSA's Energy Performance Saving Contracting (ESPC) providing these Services at NO COST to your agency, while saving Energy and Capital improvement costs.

How can your agency renew its infrastructure, save money, and be smart about Energy?

The Energy Policy Act of 1992 (Epack) and Executive Order 13123 require that Federal agencies reduce the energy consumed in Federal buildings. The order increased the goal to 35% by 2010, when compared with 1985 levels. Energy Savings Performance Contracting (ESPC) offers a means of achieving this energy reduction goal at no capital cost to the government.

ESPC is an alternative to the traditional method of financing energy efficiency improvements in Federal buildings, which is through Federal appropriation of capital funds. Under this alternative financing arrangement, Federal agencies can select an ESPC with General Services Administration, which utilizes established contacts with energy providing companies that pay all the up-front costs. These costs include identifying building energy requirements and acquiring, installing, operating, and maintaining the energy-efficient equipment. In exchange, the contractor receives a share of the cost savings resulting from these improvements until the contract period expires, which can be up to 25 years. At that time, the Federal agency retains all the savings and equipment.

The key benefits of ESPC are that it:

- Reduces energy costs
- Improves Federal energy efficiency and helps meet the Federal energy savings requirements
- Eliminates the maintenance and repair costs of aging or obsolete energy-consuming equipment
- Places the operations and maintenance responsibilities on the contractor
- Stimulates the economy by allowing energy service companies to profit from their up-front investments in federally owned buildings by receiving a share of the utility bill savings.



The contractor also provides for training government personnel and measuring energy savings.

GSA's Energy Savings Performance Contracting (ESPC) will not only enable your agency to save energy and operating funds it will also allow upgrades to the newest technology available at no cost to your agency. Let GSA provide the ESPC that will enable your agency to achieve its Federal energy reduction goals, reduce your facilities operating costs and meet your environmental goals. For additional information, see the ESPC Brochure. More detailed information is also available. Contact Alan Searsy, at 817-978-8370 or alan.searsy@gsa.gov.

Future Portfolio of Energy Products

Distributed Generation Systems is the integrated or stand alone use of modular electric generation close to the point of consumption. The generation technology can be any of the following sources, powered by natural gas and or renewable energy.

FUEL CELLS MICRO TURBINES WIND ENERGY

Distributed Generation system technologies will offer GSA and our Customers the following benefits:

- Source of highly reliable power for sensitive facilities
 - Predictability of energy costs, reduction of energy demand costs
 - Cost-effective source of peak demand power
 - Environmental benefits, cleaner, quieter, substantially reduced emissions
- GSA will be adding leading edge technologies energy systems, such as Fuel cells, Micro Turbines to our GSA Schedule Program. Fuel Cells and Micro Turbines operate cleanly; generate power on site producing noise free, highly reliable, high quality electricity. The natural gas fuel cell and micro turbine are designed for indoor, outdoor installation including rooftops.

FUEL CELLS

A fuel cell is an electrochemical device that combines hydrogen fuel and oxygen from the air to produce electricity, heat and water. Fuel cells operate without combustion, so they are virtually pollution free. Since the fuel is converted directly to electricity, a fuel cell can operate at much higher efficiencies than internal combustion engines, extracting more electricity from the same amount of fuel. The fuel cell itself has no moving parts – making it a quiet and reliable source of power. At present there are more than 40 fuel cell systems installed at various Federal locations. Their size varies from 10 kw to 250 Kw to 20 Mw.

MICRO TURBINES

Micro Turbines are small-scale combustion turbines ranging in size from 28Kw to 500Kw. They can be located on sites that have space limitations to produce power. Micro turbines operate on natural gas and have a co-generation capability, which allows their efficiency to approach 75%. Micro Turbines have very low maintenance requirements with many operating 40,000 hours before overhaul. They are quiet and environmentally clean with very low emission rates.

The ability to add capacity quickly and to serve in a rate peak shaving capacity makes this product very versatile. Because of their compact size, relatively low capital costs, and expected low operations and maintenance costs, automatic electronic control; micro turbines are expected to capture a significant share of the distributed generation market

RENEWABLE ENERGY SYSTEMS

Renewable energy technologies are clean sources of energy that have a much lower environmental impact than conventional energy technologies. Renewable energy will not run out. Ever. Other sources of energy are finite and will some day be depleted.

WIND TURBINES

Wind turbines are machines that capture the wind's energy. A rotor assembly converts wind energy to mechanical energy. Turbines are designed for high reliability, minimum maintenance, and low wind speeds. Because wind speed is higher and less turbulent 100 feet or more above the ground, wind turbines are usually mounted on tall towers to capture the most energy. Stand-alone wind turbine systems are considered when grid power is more than 1 kilometer (0.6 mile) away. Such systems can replace small diesel- and propane-powered generators, improving a site's environmental regulation compliance.

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